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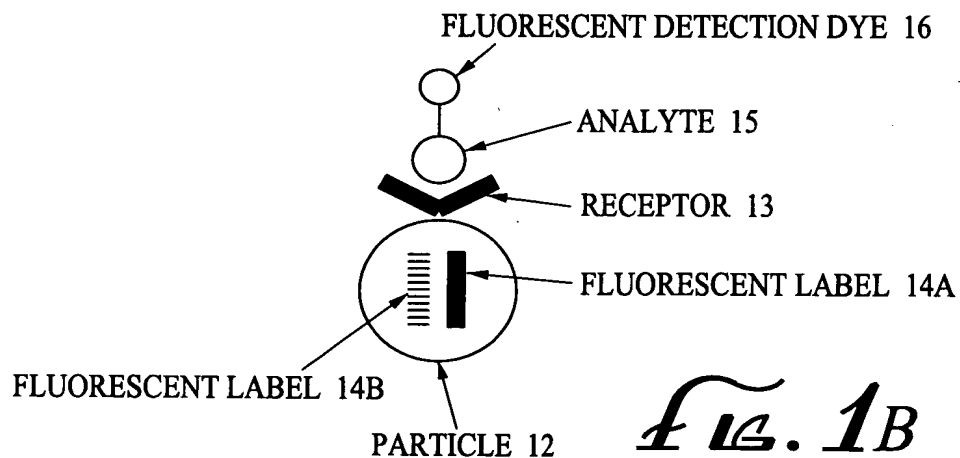
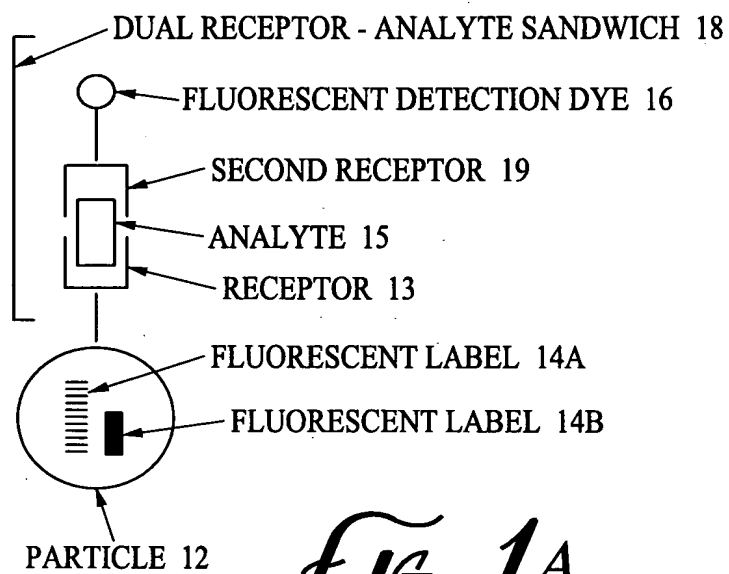
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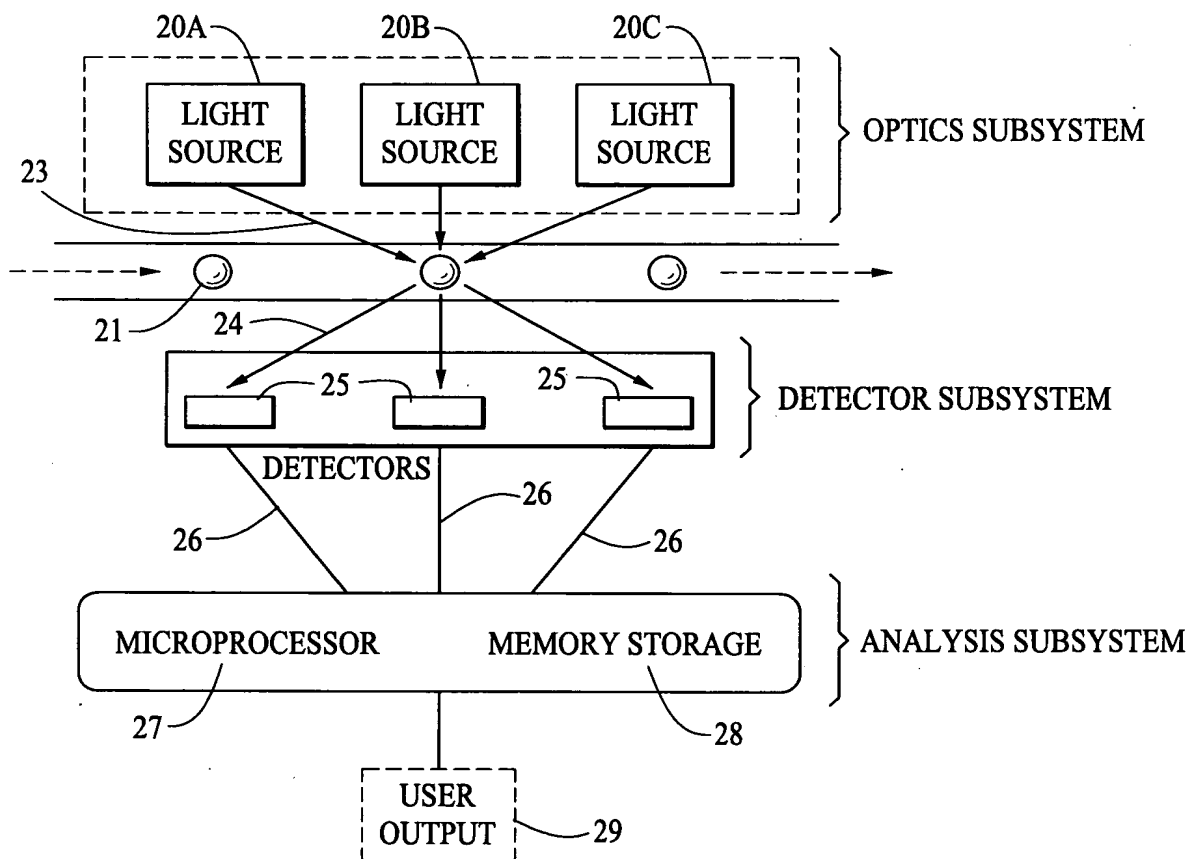
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## PARTICLES FOR USE IN A DETECTION SYSTEM





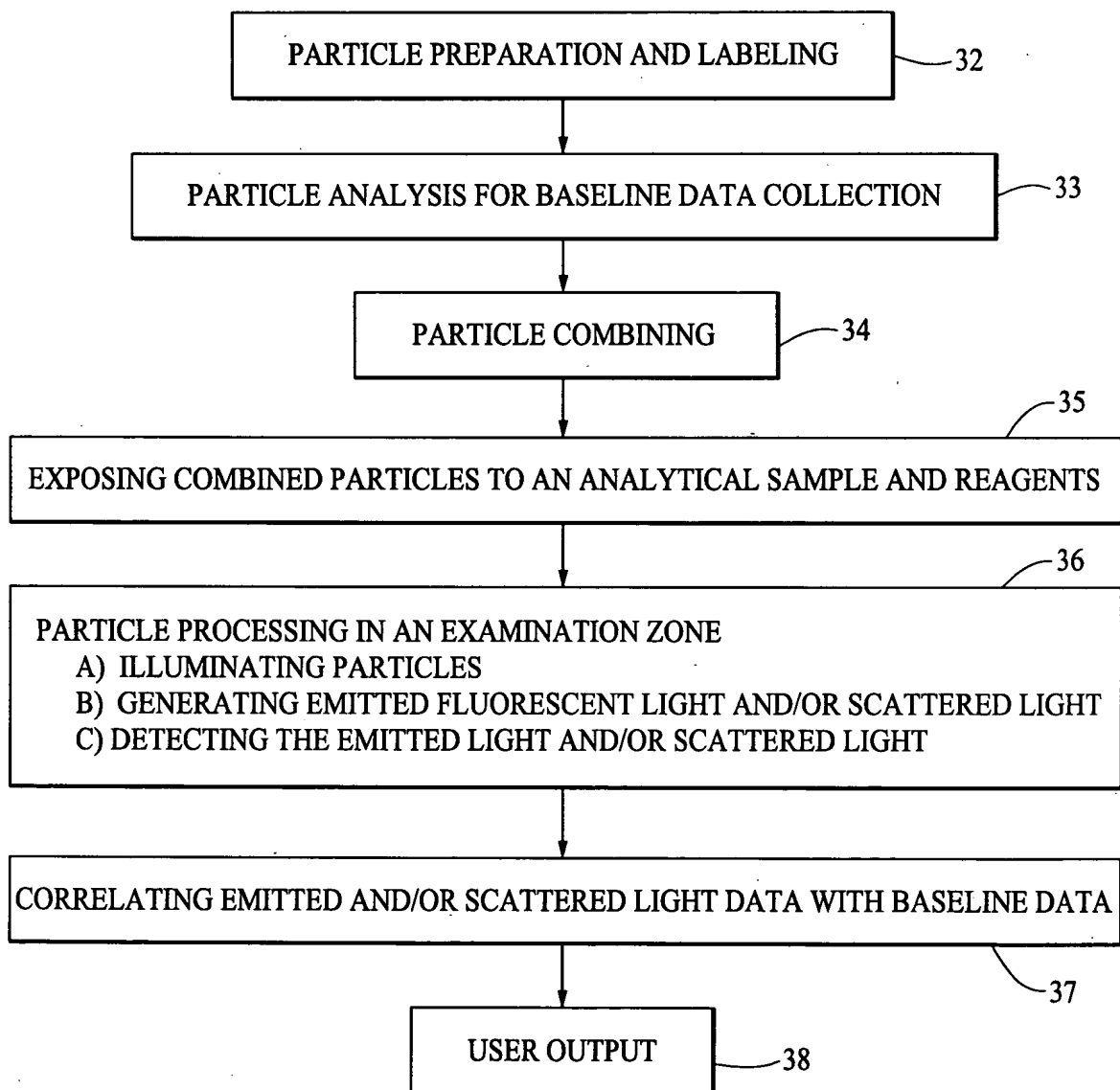
*Fig. 2*





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### *FIG. 3*

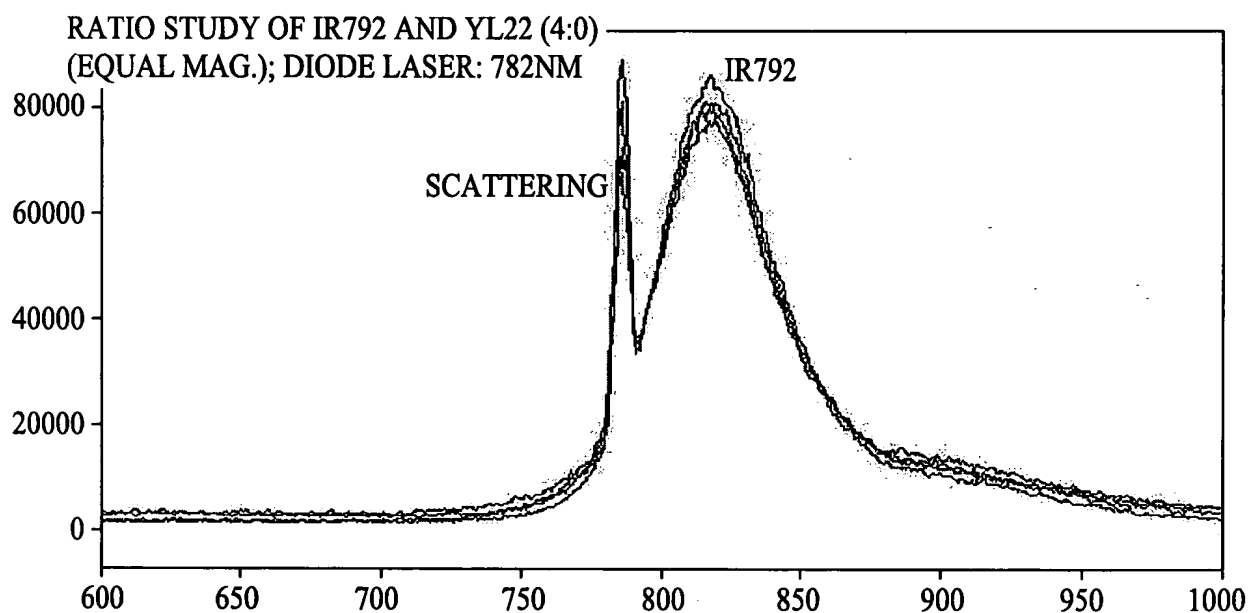




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*Fig. 4*

EMISSION SPECTRA OF IR792 PERCHLORATE IN METHYLENE CHLORIDE  
CHLORIDE FOR TWO MONTH PERIOD (STABILITY STUDY)



(CPS) / WAVELENGTH (NM)

FILE # 2 = ISA52507

INFRARED EMISSION ACQUISITION, USED T DETECTOR;  
IR:YL=4:0, ~0.163e-6M IN MC; LASER

OVERLAY Y-ZOOM CURSOR

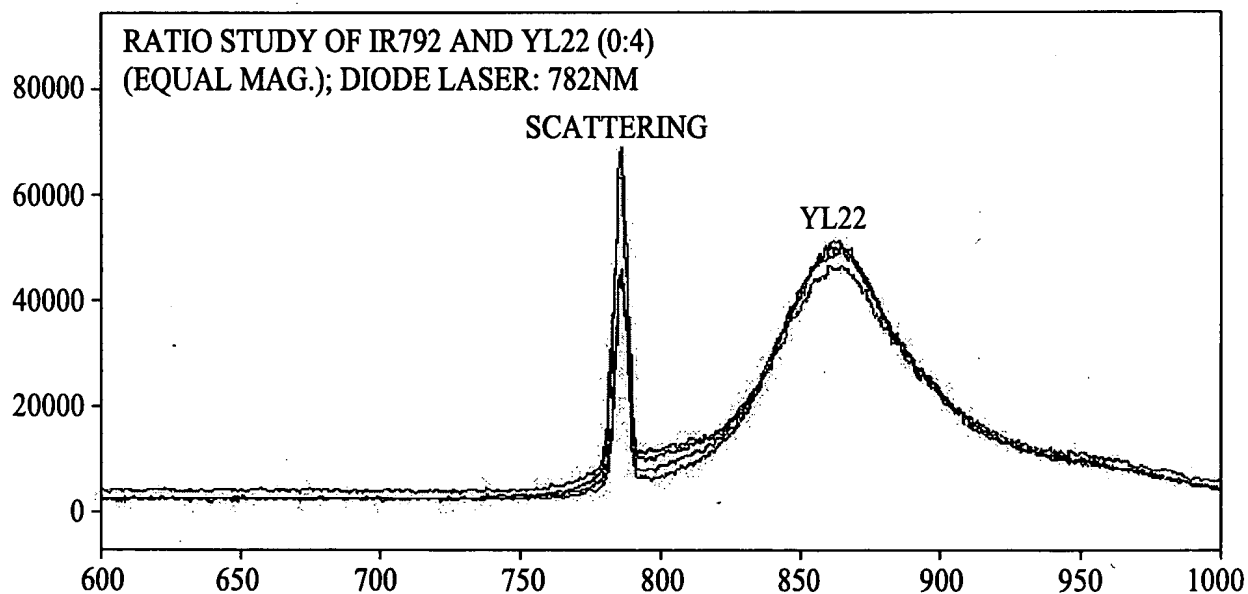
2/23/00 2:13 PM RES=NONE



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*Fig. 5*

EMISSION SPECTRA OF COMPOUND 6 IN METHYLENE  
CHLORIDE FOR TWO-MONTH PERIOD (STABILITY STUDY)



(CPS) / WAVELENGTH (NM)

FILE # 4 = ISA52805

INFRARED EMISSION ACQUISITION, USED T DETECTOR;

IR:YL=0:4, ~1e-6M, IN MC, EX:782NM

OVERLAY Y-ZOOM CURSOR

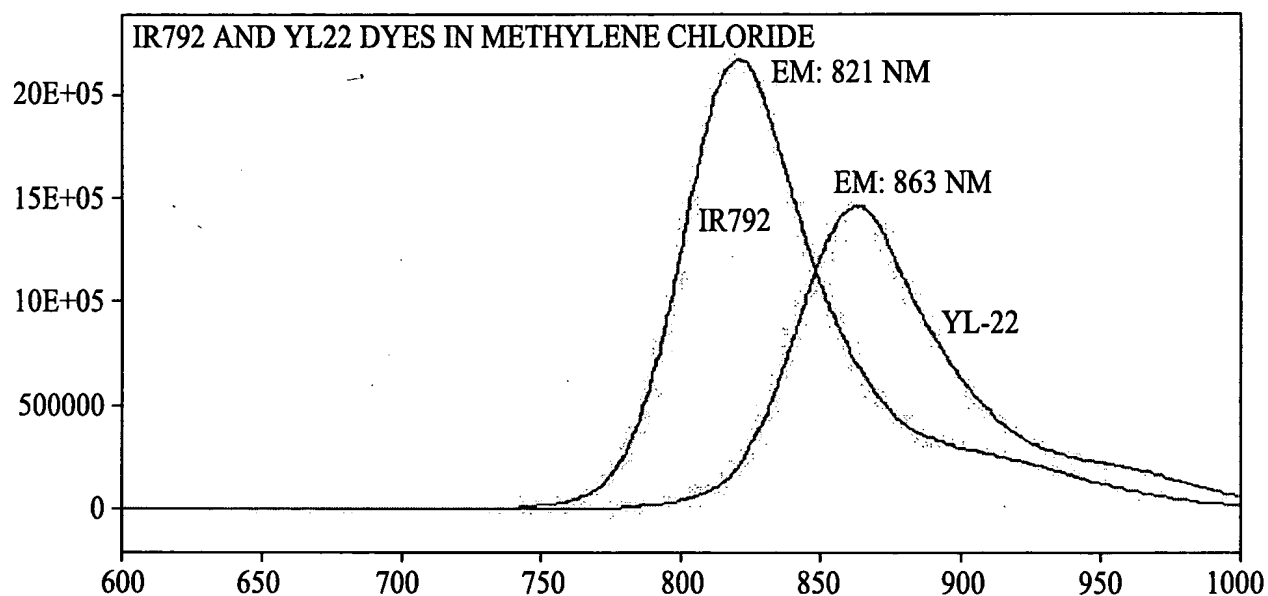
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*Fig. 6*

EMISSION SPECTRA OF IR792 PERCHLORATE AND  
COMPOUND 6 IN METHYLENE CHLORIDE



(CPS) / WAVELENGTH (NM)

FILE # 1 = ISA52006

INFRARED EMISSION ACQUISITION, USED T DETECTOR;  
IR792 IN MC; DIODE LASER 830 NM

OVERLAY Y-ZOOM CURSOR

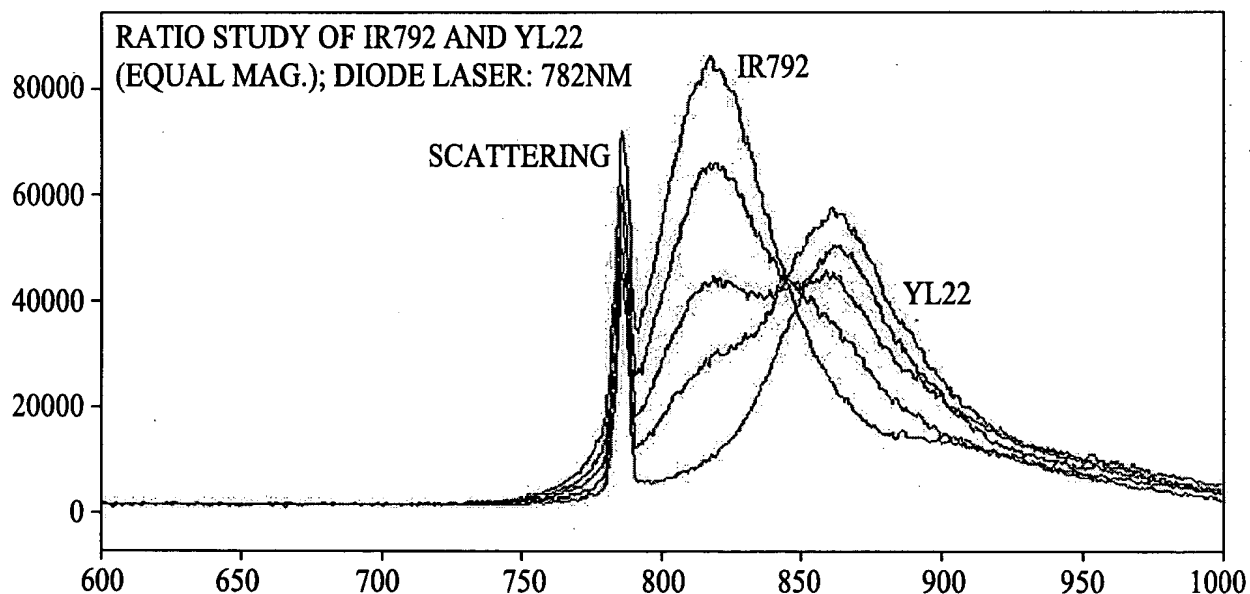
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*Fig. 7*

EMISSION SPECTRA OF IR792 PERCHLORATE AND  
COMPOUND 6 MIXTURE IN METHYLENE CHLORIDE.



(CPS) / WAVELENGTH (NM)

FILE # 1 = ISA52406

INFRARED EMISSION ACQUISITION, USED T DETECTOR;  
IR:YL=4:0, ~0.163e-6M IN MC; LASER

OVERLAY Y-ZOOM CURSOR

2/22/00 2:44 PM RES=NONE

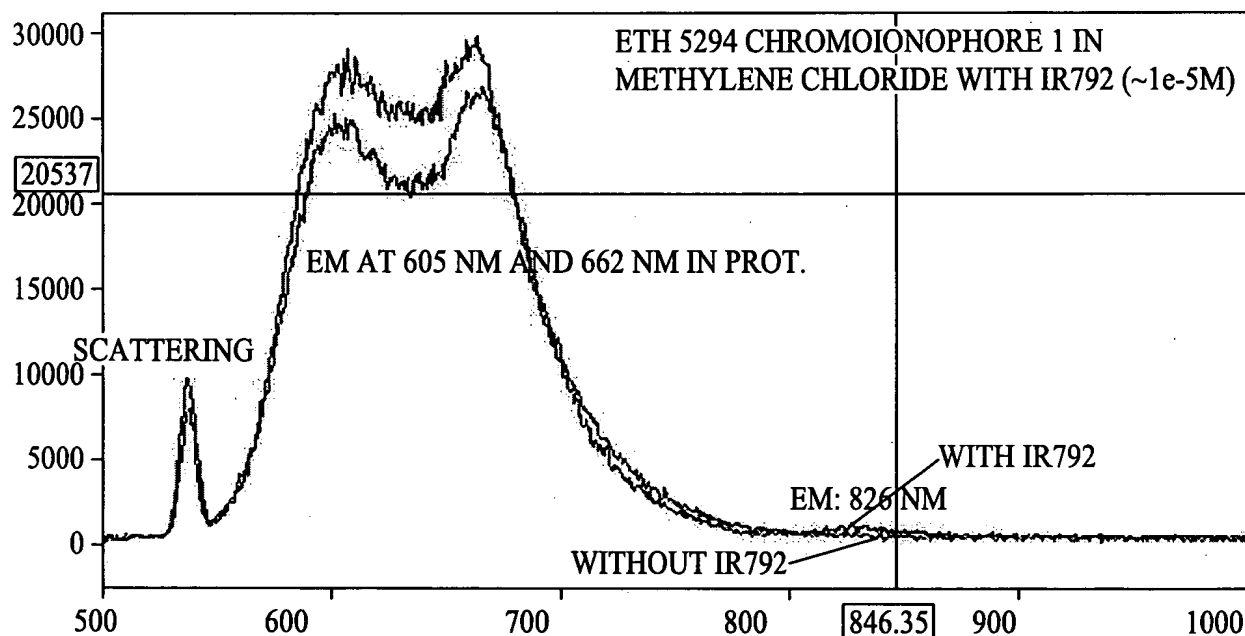




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*Fig. 8*

EMISSION SPECTRA OF ETH 5294 AND IR792 PERCHLORATE  
MIXTURE IN METHYLENE CHLORIDE. EXCITATION  
WAVELENGTH IS AT 539 NM



(CPS) / WAVELENGTH (NM)  
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EM ACQ, USED T DETECTOR.

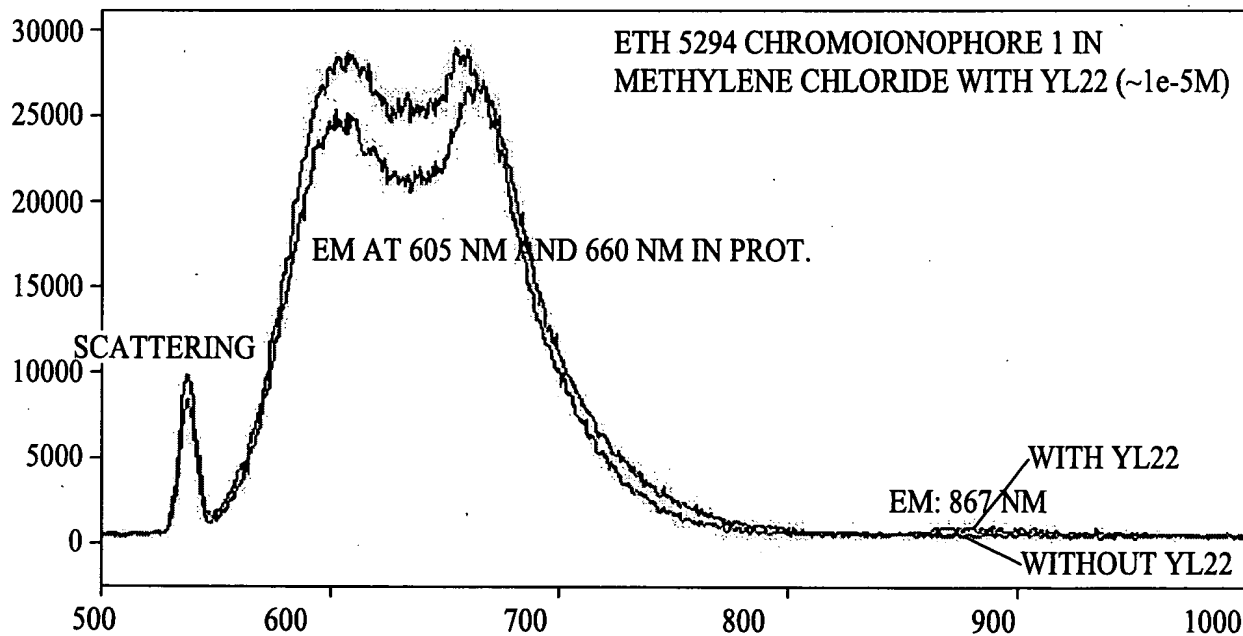
OVERLAY Y-ZOOM CURSOR  
5/3/00 1:58 PM RES=NONE



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*Fig. 9*

EMISSION SPECTRA OF ETH 5294 AND COMPOUND 6  
MIXTURE IN METHYLENE CHLORIDE. EXCITATION  
WAVELENGTH IS AT 539 NM



(CPS) / WAVELENGTH (NM)  
FILE # 2 = ISA57501  
EM ACQ, USED T DETECTOR.

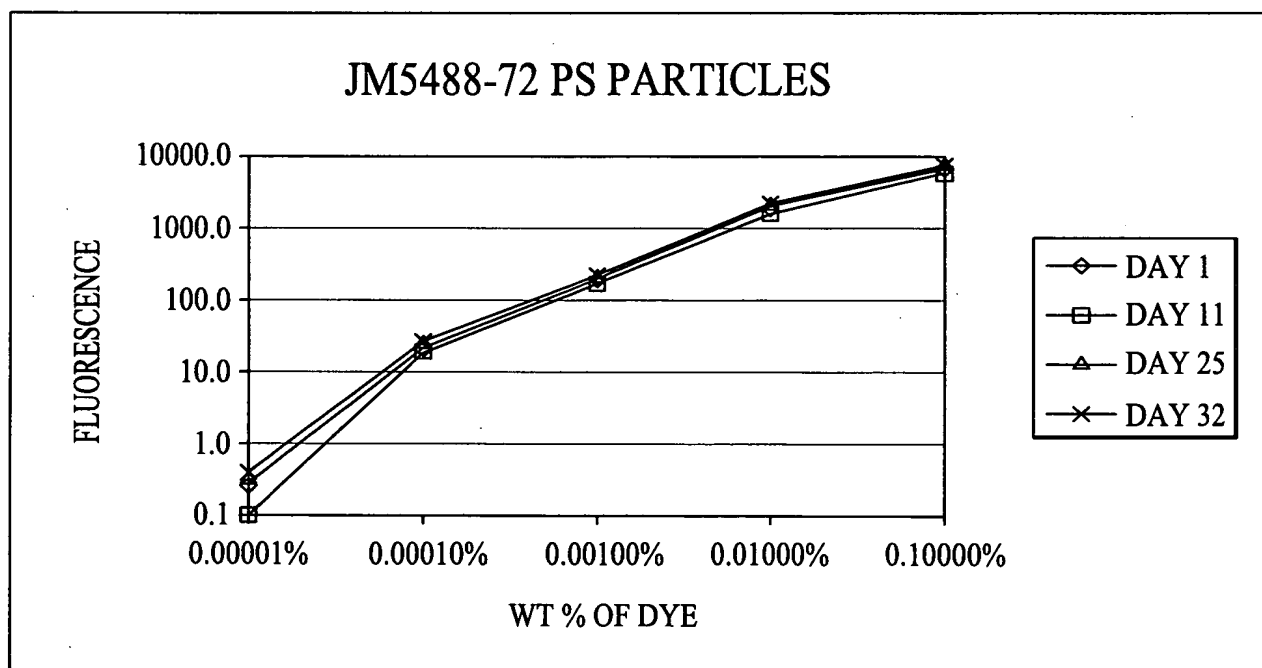
OVERLAY Y-ZOOM CURSOR  
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## Fig. 10

UNCORRECTED FLUORESCENCE SIGNALS OF POLYSTYRENE  
PARTICLES CONTAINING DIFFERENT CONCENTRATIONS OF  
COMPOUND 5a

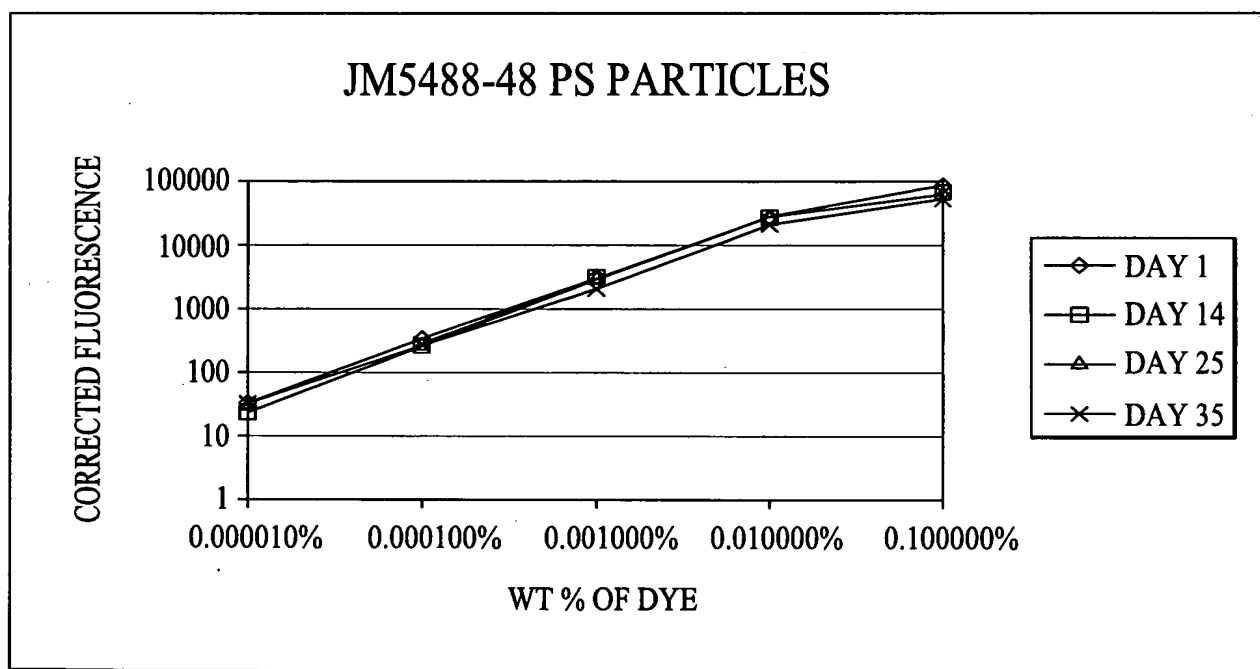




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## *Fig. 11*

CORRECTED FLUORESCENCE SIGNALS OF POLYSTYRENE PARTICLES CONTAINING DIFFERENT CONCENTRATIONS OF COMPOUND 5b. MEASUREMENTS WERE MADE OVER 35 DAYS IN THE PROTOTYPE CyXL FLOW CYTOMETER

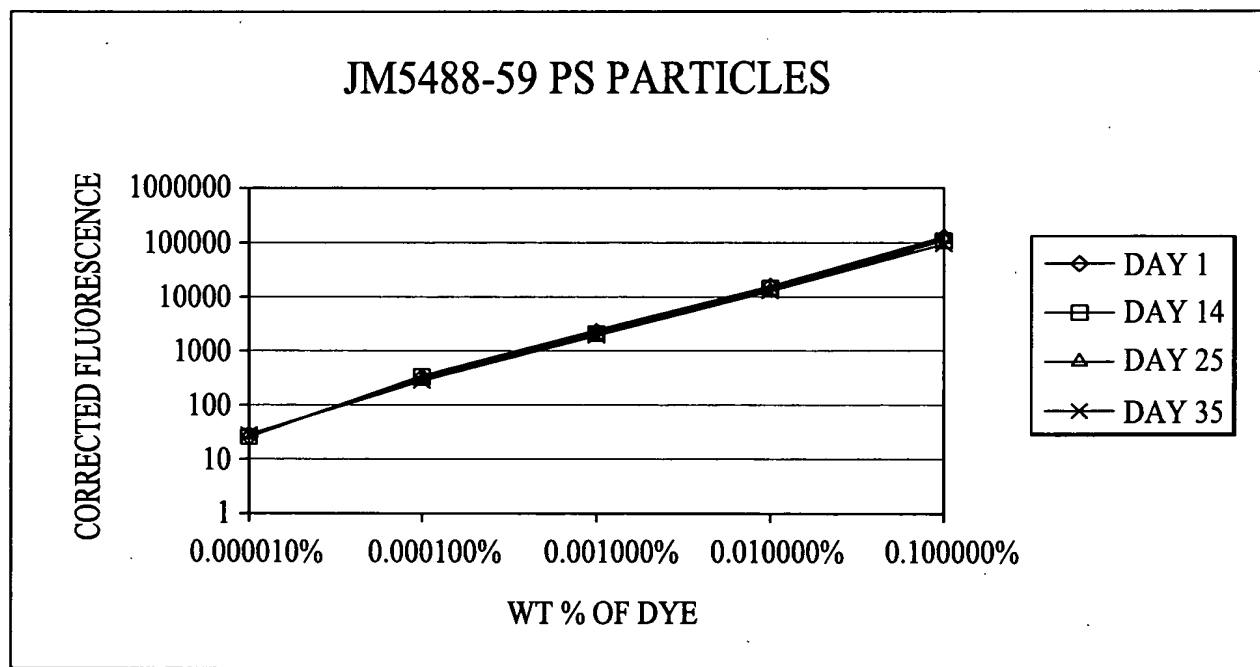




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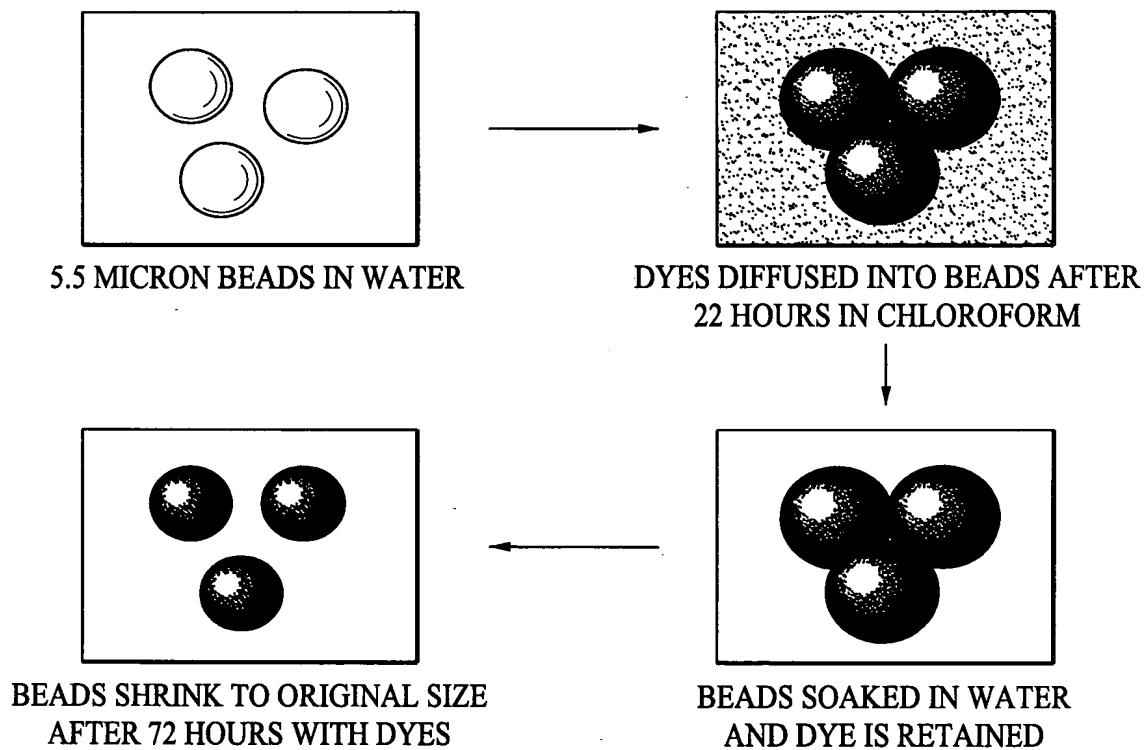
## Fig. 12

CORRECTED FLUORESCENCE SIGNALS OF POLYSTYRENE PARTICLES CONTAINING DIFFERENT CONCENTRATIONS OF COMPOUND 5d





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*Fig. 13*